

TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371		ATTORNEY'S DOCKET NUMBER 2333-01100
INTERNATIONAL APPLICATION NO PCT/SG2004/000022		INTERNATIONAL FILING DATE 20 January 2004
TITLE OF INVENTION A Method And Transmitter, Receiver And Transceiver Systems For Ultra Wideband Communication		PRIORITY DATE CLAIMED
APPLICANT(S) FOR DO/EO/US Agency For Science, Technology And Research		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
1	<input checked="" type="checkbox"/> This is a FIRST submission of items concerning a submission under 35 U.S.C. 371	
2	<input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371	
3	<input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below	
4	<input type="checkbox"/> The US has been elected (Article 31)	
5	<input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2))	
	a <input checked="" type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau)	
	b <input type="checkbox"/> has been communicated by the International Bureau	
	c <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US)	
6	<input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2))	
	a <input type="checkbox"/> is attached hereto	
	b <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4)	
7	<input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))	
	a <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau)	
	b <input type="checkbox"/> have been communicated by the International Bureau	
	c <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired	
	d <input type="checkbox"/> have not been made and will not be made	
8	<input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3))	
9	<input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4))	
10	<input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5))	
Items 11 to 20 below concern document(s) or information included:		
11	<input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98	
12	<input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included	
13	<input checked="" type="checkbox"/> A preliminary amendment	
14	<input checked="" type="checkbox"/> An Application Data Sheet under 37 CFR 1.76	
15	<input type="checkbox"/> A substitute specification	
16	<input type="checkbox"/> A power of attorney and/or change of address letter	
17	<input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821-1.825	
18	<input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4)	
19	<input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4)	

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number

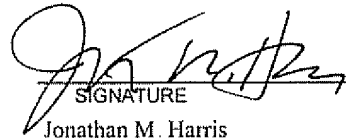
U.S. APPLICATION NO. (if known, see 37 CFR 1.5)		INTERNATIONAL APPLICATION NO. PCT/SG2004/000022		ATTORNEY'S DOCKET NUMBER 2333-01100	
20 Other items or information:					
The following fees have been submitted				CALCULATIONS	PTO USE ONLY
21.	<input checked="" type="checkbox"/>	Basic national fee (37 CFR 1.492(a))	\$300	\$ 300	
22.	<input type="checkbox"/>	Examination fee (37 CFR 1.492(c))			
If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)				\$	
All other situations				\$200	
23.	<input checked="" type="checkbox"/>	Search fee (37 CFR 1.492(b))		\$ 500	
If the written opinion of the ISA/US or the International preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)				\$	
Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority				\$100	
International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB				\$400	
All other situations				\$500	
TOTAL OF 21, 22 and 23 =					
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)) The fee is \$250 for each additional 50 sheets of paper or fraction thereof.					
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE		
- 100 =	/50 =		x \$250	\$	
Surcharge of \$130.00 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h))				\$	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	\$	
Total claims	35 - 20 =	15	x \$ 50	\$ 750	
Independent claims	5 - 3 =	2	x \$200	\$ 400	
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$360	\$	
TOTAL OF ABOVE CALCULATIONS =				\$	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27 Fees above are reduced by 1/2.					
SUBTOTAL =				\$ 1950	
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).				\$	
TOTAL NATIONAL FEE =				\$ 1950	
Fee for recording the enclosed assignment (37 CFR 1.21(h)) The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31) \$40.00 per property				\$	
TOTAL FEES ENCLOSED =				\$ 1950	
				Amount to be refunded:	\$
				Amount to be charged	\$ 1950

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number

- a ☐ A check in the amount of \$ _____ to cover the above fees is enclosed
- b ☒ Please charge my Deposit Account No. 03-2769 in the amount of \$ 1950 to cover the above fees
A duplicate copy of this sheet is enclosed
- c ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit
Account No. 03-2769 A duplicate copy of this sheet is enclosed
- d ☐ Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. Credit card information should not
be included on this form. Provide credit card information and authorization on PTO-2038

NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed
and granted to restore the International Application to pending status

SEND ALL CORRESPONDENCE TO:


SIGNATURE

Jonathan M. Harris

NAME

44,144

REGISTRATION NUMBER